

| Ref # | Hits   | Search Query                                       | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| S1    | 40     | mikinori near2 matsuda                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/15 08:43 |
| S2    | 30     | tokio near2 kanada                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 12:05 |
| S3    | 157    | kazuhito near2 kurita                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 12:05 |
| S4    | 0      | mioru near2 tobita                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 12:06 |
| S5    | 72     | minoru near2 tobita                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 12:06 |
| S6    | 55     | akihiro near2 noda                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 12:06 |
| S7    | 6      | yoshiro near2 arikawa                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 12:06 |
| S8    | 121    | shinichi near2 nakao                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 12:08 |
| S9    | 124281 | (MD medium disk disc) near7<br>(hous\$3 cartridge) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 15:56 |
| S11   | 429    | S1 S2 S3 S5 S6 S7 S8                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 12:09 |

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| S12 | 92      | S9 and S11   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/12 12:10 |
| S13 | 2294285 | hole   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/12 12:10 |
| S14 | 47      | S12 and S13  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/12 12:10 |
| S15 | 493     | (MD medium disk disc) near7<br>(hous\$3 cartridge) same ((detect\$5<br>determin\$3) near5 hole\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/12 15:59 |
| S16 | 493     | ((MD medium disk disc) near7<br>(hous\$3 cartridge)) same ((detect\$5<br>determin\$3) near5 hole\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/12 16:08 |
| S17 | 4016    | "720".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/12 16:08 |
| S18 | 125     | S16 and S17  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/12 16:10 |
| S19 | 1035112 | open\$4 near4 clos\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/12 16:10 |
| S20 | 115     | S18 and S19  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/12 16:11 |
| S21 | 1       | ("20050160440").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/26 09:22 |
| S22 | 0       | ("holenear6predetermin\$3").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/15 08:54 |

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|-----|---------|--|---|----|----|------------------|
| S23 | 5       | hole near6 perpredetermin\$3   | US-PGPUB;<br>USPAT                                      | OR | ON | 2005/08/15 08:55 |
| S24 | 29102   | hole near6 predetermin\$3  | US-PGPUB;<br>USPAT                                      | OR | ON | 2005/08/15 08:56 |
| S25 | 495     | ((MD medium disk disc) near7<br>(hous\$3 cartridge)) same ((detect\$5<br>determin\$3) near5 hole\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:57 |
| S26 | 52      | S25 and S24  | US-PGPUB;<br>USPAT                                      | OR | ON | 2005/08/15 08:56 |
| S27 | 3181033 | (open\$3 near4 clos\$3) record\$5<br>writ\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:19 |
| S28 | 429     | S25 and S27  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 10:28 |
| S29 | 50      | S24 and S28  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 10:28 |
| S30 | 9325    | ((MD medium disk disc) near7<br>(hous\$3 cartridge)) same ((detect\$5<br>determin\$3))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:19 |
| S31 | 123403  | ((open\$3 near4 clos\$3) record\$5<br>writ\$5) same hole   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:20 |
| S32 | 1244    | S30 and S31  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:20 |
| S33 | 2462001 | predetermin\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:21 |
| S34 | 770     | S32 and S33  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:21 |

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| S35 | 1091    | "720".clas. and "369".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:21 |
| S36 | 46      | S34 and S35  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:48 |
| S37 | 4123    | ((cartridg\$5 hous\$5)near6 hole)<br>same (open\$3 near4 clos\$3)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:37 |
| S38 | 1890    | ((cartridg\$5 hous\$5)near6 hole)<br>with (open\$3 near4 clos\$3)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:37 |
| S39 | 8       | S35 and S38  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:47 |
| S40 | 298815  | sony   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:48 |
| S41 | 495     | ((MD medium disk disc) near7<br>(hous\$3 cartridge)) same ((detect\$5<br>determin\$3) near5 hole\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:48 |
| S42 | 4016    | "720".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:48 |
| S43 | 125     | S41 and S42  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:48 |
| S44 | 1037323 | open\$4 near4 clos\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:48 |

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| S45 | 115     | S43 and S44   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:48 |
| S46 | 28      | S40 and S45   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 16:48 |
| S47 | 2171433 | cartridge hous\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:49 |
| S48 | 26322   | detect\$ near5 hole   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:49 |
| S49 | 1593    | (detect\$ near5 hole) with ((open\$3<br>near3 clos\$3) writ\$5 record\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:51 |
| S50 | 632     | S47 and S49   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:51 |
| S51 | 1094    | "720".clas. and "369".clas.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:51 |
| S52 | 12      | S50 and S51   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:51 |
| S53 | 124522  | ((MD medium disk disc) near7<br>(hous\$3 cartridge))                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:59 |
| S54 | 340     | S49 and S53   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:58 |

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| S55 | 12    | S51 and S54  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 10:58 |
| S56 | 213   | ((MD medium disk disc) near7<br>(hous\$3 cartridge)) same ((detect\$<br>near5 hole) with ((open\$3 near3<br>clos\$3) writ\$5 record\$5)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 11:01 |
| S57 | 4     | S51 and S56  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 11:01 |
| S58 | 204   | ((MD medium disk disc) near4<br>(hous\$3 cartridge)) same ((detect\$<br>near5 hole) with ((open\$3 near3<br>clos\$3) writ\$5 record\$5)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 16:13 |
| S59 | 582   | ((MD medium disk disc) near4<br>((hous\$3 cartridge) near5 hole))<br>with ((open\$3 near3 clos\$3) writ\$5<br>record\$5)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 11:03 |
| S60 | 45992 | predetermin\$3 near7 hole  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 11:04 |
| S61 | 20    | S58 and S60  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 11:04 |
| S62 | 11942 | ((MD medium disk disc (mini near2<br>disk)) near4 (cartridge)) with<br>((open\$3 near3 clos\$3) writ\$5<br>record\$5)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 16:15 |
| S63 | 4698  | ((MD medium disk disc (mini near2<br>disk)) near4 (cartridge)) with<br>((open\$3 near3 clos\$3) writ\$5)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 16:16 |
| S64 | 1094  | "720".clas. and "369".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/16 16:16 |

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| S65 | 105    | S63 and S64  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/16 16:16 |
| S66 | 1      | ("20020123570").PN.                                      | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/18 12:05 |
| S67 | 1      | ("20010040769").PN.                                      | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/18 12:06 |
| S68 | 1      | "6151190".pn.  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/08/18 12:06 |
| S69 | 1327   | 360/133.ccls.  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/26 09:23 |
| S70 | 2664   | (record\$5 writ\$5) same ((first<br>second) near5 hole)  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/26 09:25 |
| S71 | 1330   | S69-andI3  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 09:00 |
| S72 | 89     | S69 and S70  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/26 09:25 |
| S73 | 191778 | (open\$4 clos\$6) near7 hole                             | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/26 09:25 |
| S74 | 1327   | 360/133.ccls.  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/26 12:02 |
| S75 | 2664   | (record\$5 writ\$5) same ((first<br>second) near5 hole)  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/26 12:02 |
| S76 | 89     | S74 and S75  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/26 12:02 |
| S77 | 191778 | (open\$4 clos\$6) near7 hole                             | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/26 12:02 |
| S78 | 80     | S76 and S77  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/27 19:30 |
| S79 | 726    | ((detect\$5 determin\$6) near5 hole)<br>near8 reflect\$7 | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 08:56 |
| S80 | 1327   | 360/133.ccls.  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/27 19:33 |
| S81 | 2      | S79 and S80  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/27 19:33 |
| S82 | 34     | 720/645.ccls.  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 08:58 |
| S83 | 726    | ((detect\$5 determin\$6) near5 hole)<br>near8 reflect\$7 | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 08:57 |
| S84 | 1      | S83 and S82  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 08:57 |
| S85 | 0      | 369/291.ccls.  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 08:58 |

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| S86 | 2670 | (record\$5 writ\$5) same ((first<br>second) near5 hole) | US-PGPUB;<br>USPAT | OR | ON | 2005/10/28 09:00 |
| S87 | 24   | S86 and S83   | US-PGPUB;<br>USPAT | OR | ON | 2005/10/28 14:21 |
| S88 | 1    | "5886859".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/10/28 14:21 |